

Title (en)

RAY DETECTING DEVICE FOR A HUMAN BODY SAFETY CHECK

Title (de)

STRAHLENDETEKTIONSVORRICHTUNG FÜR SICHERHEITSÜBERPRÜFUNG FÜR MENSCHENKÖRPER

Title (fr)

DISPOSITIF DE DÉTECTION PAR RAYONNEMENT UTILISÉ POUR UN CONTRÔLE DE SÉCURITÉ D'UN CORPS D'HOMME

Publication

**EP 2230506 A4 20101229 (EN)**

Application

**EP 08871731 A 20081225**

Priority

- CN 2008002081 W 20081225
- CN 200810056059 A 20080111

Abstract (en)

[origin: US2009180593A1] Disclosed is a radiation device for the human body inspection. The device includes a X-ray generator for radiating radiation; a detector for receiving the radiation radiated from the X-ray generator; a first flexible member connected with the X-ray generator for hoisting the X-ray generator; a second flexible member connected with the detector for hosing the detector; and a driving device for synchronically driving the X-ray generator and the detector through the first and second flexible members, and at the same time, the X-ray generator and the detector are spaced from each other a predetermined distance in a horizontal direction. The radiation device for the human body inspection according to the present invention can ensure that the radiation source and the detector can be operated synchronically during the whole inspection process; thereby the quality of radiation imaging is increased. Furthermore, the radiation device for the human body inspection according to the present invention is allowed to save cost and reduce noise.

IPC 8 full level

**G01N 23/04** (2006.01)

CPC (source: EP US)

**A61B 6/4429** (2013.01 - EP US); **G01V 5/22** (2024.01 - EP US)

Citation (search report)

- [X] US 2492339 A 19491227 - WAGNER ROBERT J
- [X] US 2060981 A 19361117
- [A] WO 9740737 A2 19971106 - OSTEOMETER MEDITECH AS [DK], et al
- [A] EP 0178661 A1 19860423 - FUJI PHOTO FILM CO LTD [JP]
- [A] US 2518884 A 19500815
- See references of WO 2009094839A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2009180593 A1 20090716; US 7703979 B2 20100427**; CN 101482523 A 20090715; DE 102009000119 A1 20090723; DE 102009000119 A9 20101104; DK 2230506 T3 20130128; EP 2230506 A1 20100922; EP 2230506 A4 20101229; EP 2230506 B1 20121010; JP 2011505565 A 20110224; JP 5378401 B2 20131225; RU 2438118 C1 20111227; WO 2009094839 A1 20090806

DOCDB simple family (application)

**US 34944509 A 20090106**; CN 2008002081 W 20081225; CN 200810056059 A 20080111; DE 102009000119 A 20090109; DK 08871731 T 20081225; EP 08871731 A 20081225; JP 2010536310 A 20081225; RU 2010123628 A 20081225